

## IN THE CLAIMS

Claims 1-51 (canceled).

52. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement.

53. (New) A method, according to claim 52, wherein said parameters for data transfer from said server to said client include at least one of: the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client.

54. (New) A method, according to claim 52, wherein said capabilities of said client include at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.

55. (New) A method, according to claim 52, wherein said task requirements comprise at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.

56. (New) A method, according to claim 52, wherein each element can be constructed for display using a selectable one of a plurality of processing options, said method including selecting an option that meets the task requirements.

57. (New) A method, according to claim 56, wherein said selecting of said processing option includes at least one of: measuring the time to execute at least one of the plurality of options; calculating the time to execute at least one of the plurality of options; a combination of measuring the time to execute at least one of the plurality of options and calculating the time to execute at least one of the plurality of options.

58. (New) A method, according to claim 52, wherein said construction of an element can comprise at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel.

59. (New) A method, according to claim 52, wherein said apportioning of the processing between said server and said client includes allocating the location for each action in the construction of an element.

60. (New) A method, according to claim 52, wherein said determining of said capabilities of said client includes the interrogation of said client by said server.

61. (New) A method, according to claim 60, wherein said interrogation of said client includes said client informing said server of said client's abilities.

62. (New) A method, according to claim 52, wherein said determining of said capabilities of said client can include reference, by said server, to a list of client characteristics for a plurality of different types of client.

63. (New) A method, according to claim 52, wherein said meeting of task requirements includes: falling within the minimum time to execute; and being the fastest to execute.

64. (New) A method, according to claim 52, wherein said server is a server in a mobile telephone system, and said client is a mobile telephone device.

65. (New) A system, operative to send a processed image, comprising at least one element, said system comprising: a server, operative to send the image; a client, operative to receive, construct and display the image; parameter determination means, operative to determine the parameters for data transfer from said server to said client; capability determination means, operative to determine the capability of said client; task requirements determination means, operative to determine the task requirement; and processing apportioning means, operative to apportion the processing between said server and said client for each element to meet said task requirement.

66. (New) A system, according to claim 65, wherein said parameters for data transfer from said server to said client include at least one of: the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client.

67. (New) A system, according to claim 65, wherein said capabilities of said client include at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.

68. (New) A system, according to claim 65, wherein said task requirements comprise at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.

69. (New) A system, according to claim 65, wherein each element can be constructed for display using a selectable one of a plurality of processing options, said system including selection means, operative to select an option that meets the task requirements.

70. (New) A system, according to claim 69, wherein said selection means is operative to perform at least one of: measuring the time to execute at least one of the plurality of options; calculating the time to execute at least one of the plurality of options; a combination of measuring the time to execute at least one of the plurality of options and calculating the time to execute at least one of the plurality of options.

71. (New) A system, according to claim 65, wherein said construction of an element comprises at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel.

72. (New) A system, according to claim 65, wherein said process apportioning means includes means to allocate the location for each action in the construction of an element.

73. (New) A system, according to claim 65, wherein said capability determination means is operative to interrogate said client from said server.

74. (New) A system, according to claim 73, wherein said interrogation of said client includes said client informing said server of said client's abilities.

75. (New) A system, according to claim 65, wherein said capability determination means is operative to cause said server to reference a list of client characteristics for a plurality of different types of client.

76. (New) A system, according to claim 65, wherein said meeting of task requirements includes: falling within the minimum time to execute; and being the fastest to execute.

77. (New) A system, according to claim 65, wherein said server is a server in a mobile telephone system, and said client is a mobile telephone device.

78. (New) A server, operative to send a processed image, comprising at least one element, to a client, operative to receive, construct and display the image, said server comprising: parameter determination means, operative to determine the parameters for data transfer from said server to said client; capability determination means, operative to determine the capability of said client; task requirements determination means, operative to determine the task requirement; and processing apportioning means, operative to apportion the processing between said server and said client for each element to meet said task requirement.

79. (New) A server, according to claim 78, wherein said parameters for data transfer from said server to said client include at least one of: the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client.

80. (New) A server, according to claim 78, wherein said capabilities of said client include at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.

81. (New) A server, according to claim 78, wherein said task requirements comprise at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.

82. (New) A server, according to claim 78, wherein each element can be constructed for display using a selectable one of a plurality of processing options, said server comprising including selection means, operative to select an option that meets the task requirements.

83. (New) A server, according to claim 82, wherein said selection means is operative to perform at least one of: measuring the time to execute at least one of the plurality of options; calculating the time to execute at least one of the plurality of options; a combination of measuring the time to execute at least one of the plurality of options and calculating the time to execute at least one of the plurality of options.

84. (New) A server, according to claim 78, for use where said construction of an element comprises at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel.

85. (New) A server, according to claim 78, wherein said process apportioning means includes means to allocate the location for each action in the construction of an element.

86. (New) A server, according to claim 78, wherein said capability determination means is operative to interrogate said client from said server.

87. (New) A server, according to claim 86, wherein said interrogation of said client includes said client informing said server of said client's abilities.

88. (New) A server, according to claim 78, wherein said capability determination means is operative to cause said server to reference a list of client characteristics for a plurality of different types of client.

89. (New) A server, according to claim 78, wherein said meeting of task requirements includes: falling within the minimum time to execute; and being the fastest to execute.

90. (New) A server, according to claim 78, wherein said server is a server in a mobile telephone system, and said client is a mobile telephone device.

91. (New) A client, operative to receive, construct and display a processed image, comprising at least one element, sent from a server, said client comprising; means to co-operate with parameter determination means, operative to determine the parameters for data transfer from said server to said client; means to co-operate with capability determination means, operative to determine the capability of said client; means to co-operate with task requirements determination means, operative to determine the task requirement; and means to co-operate with processing apportioning means, operative to apportion the processing between said server and said client for each element to meet said task requirement.

92. (New) A client, according to claim 91, wherein said parameters for data transfer from said server to said client include at least one of: the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client.

93. (New) A client, according to claim 91, wherein said capabilities of said client include at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.

94. (New) A client, according to claim 91, wherein said task requirements comprise at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.

95. (New) A client, according to claim 91, wherein each element can be constructed for display using a selectable one of a plurality of processing options, said client being co-operative with selection means, operative to select an option that meets the task requirements.

96. (New) A client, according to claim 95, wherein said selection means is operative to perform at least one of: measure the time to execute at least one of the plurality of options; calculate the time to execute at least one of the plurality of options; a combination of

measuring the time to execute at least one of the plurality of options and calculating the time to execute at least one of the plurality of options.

97. (New) A client, according to claim 91, for use where said construction of an element comprises at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel.

98. (New) A client, according to claim 91, wherein said process apportioning means includes means to allocate the location for each action in the construction of an element.

99. (New) A client, according to claim 91, wherein said capability determination means is operative to interrogate said client from said server.

100. (New) A client, according to claim 99, wherein said interrogation of said client includes said client informing said server of said client's abilities.

101. (New) A client, according to claim 91, wherein said capability determination means is operative to cause said server to reference a list of client characteristics for a plurality of different types of client.

102. (New) A client, according to claim 91, wherein said meeting of task requirements includes: falling within the minimum time to execute; and being the fastest to execute.

103. (New) A client, according to claim 91, wherein said server is a server in a mobile telephone system, and said client is a mobile telephone device.

104. (New) A system, operative to send a processed image, comprising at least one element, said system comprising: a server, operative to send the image; a client, operative to receive, construct and display the image; a parameter determination module, operative to determine the parameters for data transfer from said server to said client; a capability determination module, operative to determine the capability of said client; a task requirements determination module, operative to determine the task requirement; and a processing apportioning module, operative to apportion the processing between said server and said client for each element to meet said task requirement.

105. (New) A server, operative to send a processed image, comprising at least one element, to a client, operative to receive, construct and display the image, said server comprising: a parameter determination module, operative to determine the parameters for data transfer from said server to said client; a capability determination module, operative to determine the capability of said client; a task requirements determination module, operative to determine the task requirement; and a processing apportioning module, operative to apportion the processing between said server and said client for each element to meet said task requirement.

106. (New) A client, operative to receive, construct and display a processed image, comprising at least one element, sent from a server, said client configured to co-operate with: a parameter determination module, operative to determine the parameters for data transfer from said server to said client; with a capability determination module, operative to determine the capability of said client; with a task requirements determination module, operative to determine the task requirement; and with a processing apportioning module, operative to apportion the processing between said server and said client for each element to meet said task requirement.

107. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement;

said parameters for data transfer from said server to said client including at least one of: the transmission bandwidth of said server; the reception bandwidth of said client; the bandwidth of said data channel; the transmission protocol employed between said server and said client; and the accessibility of the channel employed between said server and said client;

said capabilities of said client including at least one of: the data processing speed of said client; the available memory of said client; the size of display in said client; and the data processing software available within said client.

108. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining



the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement, said task requirements comprising at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image.

109. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement;

wherein each element is constructed for display using a selectable one of a plurality of processing options, said method including selecting an option that meets the task requirements; said selecting of said processing option including at least one of: measuring the time to execute at least one of the plurality of options; calculating the time to execute at least one of the plurality of options; a combination of measuring the time to execute at least one of the plurality of options and calculating the time to execute at least one of the plurality of options.

110. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement;

wherein said construction of an element comprises at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel; and

said apportioning of the processing between said server and said client includes allocating the location for each action in the construction of an element.

111. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement;

said task requirements comprising at least one of: the maximum time from transmission to display of the image; and the minimum display resolution of the image;

wherein said construction of an element comprises at least one of: clothing a coarse mesh with a simple texture; clothing a fine mesh with a simple texture; clothing a coarse mesh with a complex texture; clothing a fine mesh with a complex texture; clothing a surface with a complex texture; clothing a surface with a simple texture; and clothing a surface with a three dimensional panel; and

said apportioning of the processing between said server and said client includes allocating the location for each action in the construction of an element.

112. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement; said server being a server in a mobile telephone system and said client being a mobile telephone device.

113. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: analysing said image into said at least one element suitable for transmission from said server to said client; determining the parameters for data transfer from the server to the client; determining the capabilities of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement.

114. (New) A method for sending a processed image, comprising at least one element, from a server to a client for construction and display, said method comprising: determining the parameters for data transfer from the server to the client; determining the capabilities

of the client; determining the task requirements; and apportioning the processing between the server and the client for each element to meet the task requirement, wherein the method further comprises storing said capabilities of the client so that they can be retrieved when next that or a similar receiver is encountered.

115. (New) A method for sending an image from a server to a client for construction and display, said method comprising: sending separately portions of an image from the server to the client; constructing the portions into the image at the client and displaying the image at the client, the server being a server in a mobile telephone system and said client being a mobile telephone device.

116. (New) A method for sending an image according to Claim 115 wherein at least one of said portions is a frame and at least one further portion is a texture to cover the frame.

117. (New) A method for sending an image from a server to a client according to Claim 115, said method further comprising: analysing the image to be sent into the portions.